

Mar-
June
1912
birds
seen
&
collected

Nest and eggs of Crested Turacao

Eggs 2, about to hatch. Color immaculate pale blue. Size; 42×34 ; 43×33 . Nest a mere lattice of sticks near the end of a horizontal bough of a large thorn-tree; nest about 35 feet above the ground. When the female was seen sitting it was hard to see any nest at all, the structure being so slight. Female collected shot as she flew from nest, April 18, 1912; Gato River near Garolila, Abyssinia. Broken shells preserved. Both of the young emerged spontaneously. Both perfect & were alive & healthy. Preserved in alcohol. Bodies fully feathered; feathers wiry like young Cuckoos.

Lydford, Forester, Kenya. Photographer Nairobi.

Centropus superciliosus. - A nest brought me by a native boy, at Gato River, 15 miles south of Lake Abaya, April 28, 1912, contained 3 young. The nest is a slovenly structure compounded of a messy mixture of coarse grasses, green and dry leaves, small sticks, and a good deal of dirt mixed with rubbish from the ground. 2 young skinned, 1 in alcohol.

May 17, 1912. - Gato Camp to near Desso Village

May 18, 1912. - To Kormali Village.

1

May 17, 1912. Gato River near Gardula to Gato River
crossing, 15 miles south

Gato River	Gardula
21	22
-	-
50	20
30	100
-	-
-	-
-	-
-	-
30	500
25	25
-	-
-	-
25	6
-	-
-	-
-	-
50	50
-	-
-	-
-	-
-	-
-	-

[illegible][illegible]

	7/13	13/15	15/17	18	19	20	21	23	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
<i>Actophilus africanus</i> ✓	-	-	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Oedipodites</i> (see specimen) ✓	-	-	-	4	8	6	2	4	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lesser Bustard, 2 birds seen ✓	-	-	2	4	4	2	4	-	-	-	-	-	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	4	4	10	10	4	6	
Greater " 2 Mops subreus riding ✓	-	-	-	2	-	-	3	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	-	-	-	-	-	-	
<i>Ibis aethiops</i> Sacred Ibis ✓	-	-	-	20	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Hagada</i> <i>hagada</i> ✓	1	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Ibis</i> white-shanked ✓	100	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Pseudotantalus ibis</i> ✓	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Lissonia spicifera</i> ✓	2	12	-	-	-	-	-	2	-	10	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Caprimulgus crumeniferus</i> ✓	-	-	2	20	50	6	10	50	10	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	10	-	25	-	10		
<i>Scopus umbretta</i> ✓	-	-	2	15	1	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Pyrrhuloxia purpurea</i> ✓	-	-	-	-	2	2	4	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Ardea melanocephala</i> ✓	-	-	4	1	4	5	10	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Harodias alba</i> ✓	-	-	-	10	1	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Gazella gazella</i> ✓	-	-	-	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Bubalus bubalis</i> ✓	-	-	-	40	50	8	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Alouatta</i> <i>trichoceros</i> ✓	-	-	2	40	2	4	-	20	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	2	-	-	-	-	-	
<i>Nettion</i> <i>drummondii</i> ✓	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Phalaropus</i> <i>major</i> ✓	-	-	-	2	1	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
" <i>africanus</i> (smaller) ✓	-	-	-	4	10	10	10	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Anhinga rufa</i> ✓	-	-	-	2	4	2	40	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Pelecanus rufescens</i> ✓	-	-	-	1	-	-	1	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Pseudogyps africanus</i> <i>white-backed</i> ✓	30	30	4	20	20	4	2	20	4	-	-	100	50	4	10	4	10	4	25	25	20	20	20	30	20	50	20	20	50	50	25	50	25	50	25	50		

	2	13	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total														
<i>Lophoceros occipitalis</i> white-headed Vulture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	4	-	-	9	-	-	2	4	2	2	4	6	10	12	50	30	20	30	30	6	4	4		
Vulture, large, white secondary bill	6	6	4	4	3	4	-	12	-	8	-	-	-	-	-	-	-	-	-	20	2	-	-	3	-	-	2	4	2	2	4	6	10	12	50	30	20	30	30	6	4	4		
" " dark quills, red bell	6	6	4	4	3	4	30	30	-	10	-	-	-	-	-	-	-	-	-	20	2	-	-	-	-	-	2	4	2	2	4	6	10	12	50	30	20	30	30	6	4	4		
<i>Neophron percnopterus</i>	✓	10	10	10	6	4	2	4	10	-	2	-	-	-	-	-	-	-	-	-	2	-	-	6	-	-	-	1	1	-	-	-	1	1	2	-	-	2	4	4	-	2		
<i>Necropsylos monachus</i>	✓	50	20	20	12	8	4	10	50	-	50	-	-	-	-	-	-	-	-	50	100	10	30	50	20	50	25	50	10	50	50	10	10	10	10	50	20	20	10	50	20	25	10	30
<i>Circus</i> , see imm. specimen	✓	4	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Falcon, very small, rufous breast, on tall trees	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
<i>Melospiza</i> . African Goshawk, large	✓	1	-	-	-	2	-	-	4	2	100	4	1	-	-	-	-	-	-	6	1	4	-	-	-	-	2	4	2	4	4	2	4	4	2	1	-	2	-	2	-	2		
Goshawk, small	✓	-	-	2	2	-	2	4	-	-	2	-	-	-	-	-	-	-	-	2	-	-	-	4	-	-	1	-	-	-	-	-	-	-	-	-	-	2	4	-	2	2	2	
<i>Accipiter</i> , small, amercus	✓	1	-	1	2	2	4	1	4	-	10	1	-	-	4	2	6	2	-	-	-	-	-	-	-	-	2	4	2	4	2	-	2	2	1	2	-	-	-	-	-	-		
<i>Buteo</i> angust, rufous phase	✓	-	2	-	-	-	2	2	10	4	4	-	-	-	-	1	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-		
<i>Emin</i> Hawk - Eagle	✓	4	2	-	-	-	-	-	-	-	20	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	10	-	4	-	-	-	-			
<i>Lophoceros occipitalis</i> Eagle	✓	12	2	-	-	1	-	-	4	-	50	4	4	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<i>Helotomus caudatus</i>	✓	6	2	1	-	-	-	-	10	8	20	2	-	-	2	1	6	2	2	2	-	2	2	2	2	-	2	2	2	10	4	10	10	4	10	6	4	6	2	4	-	-		
<i>Haliastur vocifer</i>	✓	-	-	2	10	10	10	6	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<i>Mimus agryllus</i>	✓	100	100	100	100	100	100	100	100	80	100	50	50	50	50	10	25	25	50	50	25	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
<i>Certhia</i> tinamou	✓	10	4	6	2	2	2	-	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Little red - forehead Parrot, specimens	✓	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Yellow-headed Parrot	✓	10	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Red-breasted Parrot	✓	-	-	-	-	-	1	4	4	-	20	2	-	12	-	12	20	20	-	4	-	-	-	-	-	-	10	10	-	20	20	10	50	25	4	-	-	-	-	-	-	-		
Scops, species here	✓	x	-	-	-	-	-	-	-	-	2	-	-	-	-	1	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
<i>Coracias</i>	✓	-	-	1	-	-	-	-	10	8	20	10	4	4	-	2	20	30	20	10	2	10	20	20	30	10	10	20	10	30	20	10	2	-	-	-	-	-	-	-	-	-		
<i>Eurystomus</i>	✓	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

		7	13	15	18	19	20	21	24	26	29	17	17	18	19	19	5	3	6	7	12	12	12	14	14	15	15	17	17	18	19	20	21	22	23	24	25
		13	13	15	17			22	26	29	17	17	18	19	19	5	3	6	7	12	12	12	14	14	15	15	17	17	18	19	20	21	22	23	24	25	
7	Isidina pieta	✓	-	-	-	1	-	-	-	4	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Bucorax Ground Hornbill	✓	-	-	-	1	-	-	-	-	10	-	-	-	-	-	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Lophoceros sp.	✓	-	-	-	2	4	1	10	20	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
8	W. up. sp. / very	✓	-	2	4	2	2	4	-	2	-	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
✓	Trusor, large.	✓	-	-	2	-	-	-	2	-	100	4	-	4	30	-	20	4	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-	
✓	Melittophagus, large	✓	-	-	10	2	2	-	2	-	20	-	-	-	1	-	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	
✓	" small	✓	-	4	10	10	10	10	30	4	4	50	5	4	4	-	4	50	25	25	50	10	10	10	10	10	20	40	40	25	20	25	20	4	12	2	
✓	Murph. rubicus	✓	-	-	10	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
✓	Swift, large, white-breasted dark below	✓	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	?	-	-	-	-	-	-	-	-	-	
✓	Swift, very large (not equatorial)	✓	10	4	6	2	2	2	-	-	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
✓	Swift, small	✓	10	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	4	4	-	-	-	
✓	Colinus, large, no blue	✓	4	4	14	10	4	10	50	50	50	100	50	50	?	-	10	20	-	-	-	-	-	4	6	10	10	20	4	25	20	10	-	-	-	-	-
✓	" smaller, blue rufous	✓	-	-	10	-	-	-	10	10	50	50	10	10	20	25	10	30	2	10	10	10	20	30	40	20	50	50	10	10	20	4	-	-	-	-	
✓	Trogon, see specimen	✓	2	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
✓	Turacus, red-winged	✓	12	2	-	-	-	-	-	-	10	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
✓	Common Crested Touraco	✓	-	2	10	10	10	10	50	20	30	20	10	25	-	10	50	100	20	20	20	25	14	14	20	30	20	30	30	25	50	20	10	-	-	-	
✓	"Whip-me-too" (Lue Koo) (spec.)	✓	100	10	10	4	-	-	-	-	20	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
✓	Centropus monachus	✓	2	-	2	4	6	10	10	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
✓	Centropus superciliosus	✓	4	2	2	4	12	12	20	20	10	10	4	-	10	10	10	50	20	10	10	-	10	20	20	10	10	10	10	4	4	-	-	-	-	-	
✓	Indicator, yellow patch on wing	✓	-	-	-	-	-	1	1	1	20	-	-	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
✓	Indicator, smaller	✓	-	2	2	-	-	-	-	-	1	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
✓	Barbalula, small yellow on head	✓	20	20	20	20	20	20	10	25	10	50	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
✓	Barbet, red-headed (specimen)	✓	-	6	2	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

	5	8	9	10	11	12	13	14	14	18	19	20	21	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Killdeer Plover	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476	1477	1478	1479	1480	1481	1482	1483	1484	1485	1486	1487	1488	1489	1490	1491	1492	1493	1494	1495	1496	1497	1498	1499	1500	1501
--	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

	1921	2024	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Green Turtledove, black	1	2	-	-	-	-	-	-	-	-	-	-	-	50	50	10	10	2	-	-	2	-	-	-	-	-	-	-	-	4	20	4	6	10	10	2			
Flycatcher, glossy black	20	20	10	2	-	4	2	-	10	-	20	20	4	10	2	50	50	100	20	50	50	4	10	10	20	2	2	-	-	4	30	20	-	-	-	-	-	-	
Horrebell, bill orange-tipped white (♂) black (♀)	10	200	100	100	25	10	2	2	-	-	-	-	-	-	-	4	10	10	50	30	20	4	-	20	-	25	?	?	20	?	-	-	-	-	-	-	-	-	
Bee-eater, squarish, not white-tipped	20	20	10	4	-	4	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Buena, large	100	200	100	100	40	100	100	500	100	100	50	100	50	50	-	-	40	40	100	50	50	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Colinus, brown, white-necked, large	10	100	-	-	-	-	-	-	-	-	40	50	-	50	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Harlequin, red-white-blue sparrow	50	50	50	50	100	100	20	100	500	500	50	100	50	40	-	25	40	50	20	50	50	100	50	300	50	100	500	-	20	200	100	100	-	-	-	-	-	-	
" common glossy	50	50	50	20	100	200	20	50	100	100	-	10	10	-	25	50	50	20	50	50	100	50	200	50	100	-	25	200	500	20	-	-	-	-	-	-	-	-	
Quail	4	-	-	-	-	-	-	1	-	-	-	-	-	2	-	4	10	2	-	-	-	2	2	-	-	-	-	-	-	20	6	4	10	30	4	-	-	-	
White-headed Pigeon of India	50	100	50	50	50	10	10	10	50	25	50	50	25	-	-	20	50	50	50	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Weaver, rose-backed, rocky front (Sp. Galt)	-	-	1	-	-	-	2	-	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Short-tailed grey bird, P. (Sp. Galt)	4	2	-	25	10	10	-	-	50	55	25	20	4	-	-	2	-	-	2	-	-	2	-	-	-	-	-	-	-	4	4	2	-	-	-	-	-	-	
Reckard, large	2	2	2	4	3	2	-	-	4	-	4	4	-	-	-	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Buteo or Eagle	6	10	4	2	2	-	-	-	2	2	4	6	8	6	-	4	2	2	2	-	-	-	-	-	-	-	-	-	-	-	2	2	2	4	1	-	-	-	
Weaver, large, red rump, white head	100	100	100	100	200	300	100	-	500	500	25	100	200	-	-	20	-	-	2	10	-	-	2	10	-	-	10	10	2	4	4	4	20	100	-	-	-	-	
Serinus, small yellow rump, striped	100	100	100	100	50	25	10	-	20	-	20	50	50	-	-	-	-	-	-	-	-	-	-	-	-	50	50	50	50	100	100	100	50	100	100	100	100	100	
Bradyornis fischeri	10	10	50	50	50	10	100	10	10	10	50	50	2	-	-	4	2	-	-	-	-	-	-	-	-	4	4	-	-	2	-	5	6	4	6	-	-	-	
Ducula, fork-tailed, small, brownish below	-	-	20	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	200	-	-	-	-		
" " large, reddish rump	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Swift, large, all dark below	-	-	200	100	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Columba guinea	-	-	100	40	-	-	-	-	-	-	-	100	50	10	200	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bustard, medium, pale below (Sp. Bodoni)	-	4	-	4	-	4	4	20	4	20	20	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	2	-	2	1	2	-	-	-	-	

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

	Yellow-billed Cuckoo	White-bellied Cuckoo	Green-backed Cuckoo	White-bellied Cuckoo	White-bellied Cuckoo	White-bellied Cuckoo	White-bellied Cuckoo	White-bellied Cuckoo	White-bellied Cuckoo	White-bellied Cuckoo	White-bellied Cuckoo	White-bellied Cuckoo	White-bellied Cuckoo
	August	August	August	August	August	August	August	August	August	August	August	August	August
	28	29	30	31	1	2	3	4	5	6	7	8	9
Laysan, Weaver, larger, dull plumage ✓	50	50	—	—	50	—	—	—	—	—	—	—	—
Francolinus Keri? feathers?	—	—	—	—	—	—	—	—	—	—	—	—	—
Centropus White-bellied 7-sect ✓	15	50	4	—	—	—	—	—	—	—	—	—	—
St. Mary's (coronata?) not coronata (skin)	4	10	—	20	50	4	—	—	—	—	—	—	—
Barbet, long-tailed, large ✓	10	10	4	10	—	—	—	—	—	—	—	—	—
Emura Buzzard Eagle ✓	—	2	—	—	—	—	—	—	—	—	—	—	—
Bradyornis fischeri ✓	6	4	—	20	20	—	—	—	—	—	—	—	—
Slender bird, nearly as large as Centropus, drab-grey ✓	—	1	—	—	—	—	—	—	—	—	—	—	—
Woodpecker, smaller, golden-winged ✓	—	—	4	10	4	—	—	—	—	—	—	—	—
Centropus superciliosus ✓	—	—	4	4	4	—	—	—	—	—	—	—	—
Batis ✓	—	—	2	10	4	2	—	—	—	—	—	—	—
Castanea, rust-colored, small ✓	—	—	25	200	100	—	—	—	—	—	—	—	—
Urosalpinx, Red-eared Warbler ✓	—	—	50	20	—	—	—	—	—	—	—	—	—
Woodpecker, small (skin) ✓	—	—	—	2	—	—	—	—	—	—	—	—	—
Large black + yellow Bishop-bird ✓	20	20	20	50	50	10	20	500	—	—	—	—	—
St. Mary's coronata ✓	—	—	2	50	50	6	—	—	—	—	—	—	—
Francolinus schoutti ✓	—	—	—	15	—	—	—	—	—	—	—	—	—
Bushbird, small ✓	—	—	—	2	—	—	—	—	—	—	—	—	—
O'roccus, large species ✓	—	—	—	25	200	100	50	—	—	—	—	—	—
Chloroceryle (rufous tail) ✓	—	—	—	4	—	—	—	—	—	—	—	—	—
Micropus, large, rufous wings (skin) ✓	—	—	—	50	50	40	—	—	—	—	—	—	—

[illegible]

	Indian Store Aug 38	Aug 38	Sept 1	Sept 1	Sept 1	Sept 1	Sept 1	Sept 1	Sept 1
	Aug 38	Aug 38	Sept 1	Sept 1	Sept 1	Sept 1	Sept 1	Sept 1	Sept 1
Corvus	✓								300
Turdus, red-winged	✓								200
Remex Rustro	✓								1
skull green	✓								2
Woodpecker, green, finely cross-banded below	✓								1
Lanius, all black	✓								200
stomach (skull)	✓								20
skull 2 ✓	✓								10
Cryptolopha	✓								10
skull	✓								20
skull	✓								25
Bulwer, gray-green, yellow below	✓								10
skull	✓								15
Pycnonotus lagardi fagi	✓								100
Merula algovensis	✓								10
Geococcyx (2 skins)	✓								100
Pratincola (skull)	✓								20
Myrmecocichla erythroloma	✓								10
Euphonia (2 skins)	✓								500
Cisticola pinicola	✓								100
skull patch ✓	✓								50
Shrike, black & white, chestnut side	✓								
Bell Shrike	✓								

066
 0390
 12

4

Fr	<i>Dryas</i>		
Fr	<i>[Nectarinia] bilineata</i>	200	
Pt	<i>Nectarinia</i>	100	
Pt	<i>Dryas</i>	100	
Va	<i>Cinnyris</i>	500	
Le	<i>Zosterops</i>	100	
Tr	<i>Trachypterus</i>	1	
S	<i>Serinus</i>	1000	
	<i>Penthestes</i>	500	
St	<i>Dryas</i>	100	
O	<i>Weaver</i>	20	
J	<i>Trachypterus</i>	2	
Le	<i>Starling</i>	100	

The Maribou Stork when swimming high has
its neck retracted like a heron (Aug. 23) 35

Batis has a nasal honk note resembling Sitta (25)

Two Black-bellied Prinias, immature ^{males} differ
from an adult male killed at same time (same
flock) in having the eye-wattles brownish instead
of bright red, and the bill with dusky markings,
and the feet lighter red. I did not note the color
of the iris before skinning.

Sterna, - Flock (3 + 9 shot) found on top of a high
rocky hill (full of Dassies), at Big Bend, Fluka R.

Pseudogyps

There are 7 fresh specimens before me.
(See table of weights + measurements, p. 39.)

From the resemblance in size and form I am satisfied that these 7 are conspecific. The neck is long and slender, the skull narrow; nostril vertical, or parallel to side of base of culmen.

Head + neck is slaty black, like the bill & cere, head sparsely covered with fine hairs, thick on top of head, color dirty white; neck more or less covered with tufts of ^{whiskers} down, quite heavy on the nape; chest patch furry, sooty brown. Feet + claws slaty black. Iris, small seven, very dark brown. Nos. 4, 5, + 7 have white rumps + backs, 4 + 5 have this white faintly tinged with clay color, perhaps dirty. Nos. 1, 2, 3, and 6 represent a different plumage, dark below, under wing-coverts dark, rump + back dark, neck ruff darker, with feathers narrow and centrally attenuated with whitish like the sides + underparts. I suppose the white backed birds to be adults, the dark backed immature. Using "adult" to indicate white-backed + "immature" to

to indicate dark-backed birds I will describe the plumage of the seven fresh birds, all have the soft parts colored alike, except that the long, nearly naked necks of adults are practically all slaty black, while the young, from head to ruff are mixed with large areas of greenish flesh color, in one specimen the slaty black only appearing as occasional richish spots on the lower neck.

All have the entire head slaty black. The oldest is No. 7 (skin preserved). The ^{upper side of wing} primaries, secondaries, + longest tertials are grayish black, as is the bastard wing and outermost greater wing-coverts, rest of upper side of wing, + upper back, emargin the feathers bordered with pale buff. Back and rump white, as is the long, ~~long~~ furry down covering the skin between the feather-tracts. ^{feather-tracts} ~~Thighs~~ ^{internally} externally cinereous-buff or clay color. ^{internally} ~~Coat~~ ^{Coat} ~~with pure white down~~ ^{with pure white down} ~~dark brown~~. ^{dark brown}.

An inconspicuous neck ruff, above only, is whitish drab, not much whiter than the upper back. Under side of body, pale drab, the feathers having slight indications of a whitish shaft-streak; under wing-coverts white, the greater ones broad. Tip of tail ^{subterminating} ~~with~~ ^{with} grayish black; under tail-coverts brownish black.

Nos. 4 (♂) and 5 (♀) differ only in having the under surface of body less uniform pale drab, the feathers showing distinct traces of whitish shaft-streaks; rumps slightly tinged with clay color. These birds are ^{probably} not quite so fully adult as No. 7. Adults when on wing show the white backs very clearly, or the white under wing coverts, according to position in the air. Immature birds of course appear all dark.

Immature (Nos. 1, 2, 3, and 6) differ from adults in lacking the white back & rump, and the white under wing-coverts. The upper wing coverts are dark brown, more or less bordered with drab. The under wing-coverts, outer aspect of thighs, back & rump are dark brown with broad, dirty-white shaft-streaks

Weights and measures of Vultures.

No.	Sex + age.	Weight, pounds, Avor.	Length, inches.	Alar expanse.	Wing measured straight.	Tail.	Circum. (about forearm).	Depth of bill.	Tarsus.	Middle toe to end of digit.	No. of tail-feathers.
-----	------------	-----------------------	-----------------	---------------	-------------------------	-------	--------------------------	----------------	---------	-----------------------------	-----------------------

1	♂ im.	11.50	35.00	88.00	23.40	10.50	1.80	1.30	4.00	4.10	
2	♂ im.	12.00	34.50	87.50	23.75	10.40	1.80	1.30	3.75	4.30	
3	♂ im.	11.25	34.80	85.50	23.75	10.60	1.85	1.30	3.65	4.00	
4	♂ ad.	12.00	35.50	87.00	23.5	10.5	1.90	1.45	3.90	4.40	
5	♀ ad.	11.50	35.00	85.00	22.50	11.00	1.90	1.30	3.65	4.15	
6	♀ im.	13.00	35.75	84.22	23.75	11.25	1.75	1.25	3.35	4.20	
7	♀ ad.	13.40	34.5	87.0	23.5	10.0	1.80	1.20	3.40	4.25	
8	♀ ad.	9.50	27 ¹ / ₂	75 ¹ / ₂	21 ¹ / ₂	11 ¹ / ₂	2.00	1.45	4.60	3.55	<i>L. occipitalis</i> ?

9	♂ im?	4.90	28.00	71.00	21.00	10.00	1.40	.70	3.60	3.00	<i>N. monachus</i>
10	♀ ad.	9.50	33.00	89.50	24.50	11.50	2.00	1.45	4.60	3.55	

I saw all of the above personally. E.A.M.

Bardessa, Abyssinia. May 28, 1892

Pseudogyps africanus.

"	"
"	"
"	"
"	"
"	"
"	"

See also *Falcon*, pp. 37, 38.

Upper part brown. Measurements smaller, but ^{the} down: plumage dark. ^{the} ~~inner~~ pale bluish gray. Head coated with white. *Lophogyps occipitalis*? Inner secondaries pure white.

Mammal register

- 7572 (Kangaroo style)
301. Mouse, soft-haired. ♂ ad. Bodessa, Abyssinia.
7573 " " ♂ ad. " "
302 " " ♂ ad. " "
7574 " small, spiny. ♀ ad. do
303 " " do
7575 Kangaroo Mouse ♀ ad. do
304 Elephant-Shrew ♂ ad. Sagon River, Abyssinia
7576 (with claw)
305 vertebræ, 135; hind foot, 38; ear, crown, 22;
7577 Xerus ♀ ad. Sagon River, Abyssinia
306 vertebræ, 205; hind foot with claw 57
7578 Xerus ♂ ad. Sagon River, Abyssinia
307 vertebræ, 205; hind foot, with claw, 58
7579 Xerus ♂ ad. Sagon River, Abyssinia
308 tail vertebræ, 233; hind foot, 57
7580 Xerus ♂ im. Sagon River, Abyssinia
309 shot as No. 308, ♂ ad. Sitting up
7581 Xerus ♀ Sagon River, Abyssinia
310
7587 311. Spiny Mouse. ♀ ad. do
cinerous above, white below.
7588 312. Kangaroo Mouse. Jerboa. ♂ ad. Sagon River
7589 313. Mouse, soft-haired. ♂ im. Vertale
7590 314. Spiny-haired Mouse ♀ im. " "
7591 315. do ♀ " "
7593 316. Rat, soft-haired. ♂ " "
7594 317. Elephant Shrew ♀ ad. " "
7595 318. Mersat ♀ Wobok

Mammal register.

40

- May 25, 1912. Trapped in my tent. Large sp.
do do do
do do Small species
June 1, 1912.
" 4, " Iris brown. Head + body, 140; Tail
ear, notch at base, 26; tip of nose to eye, 32; to occiput, 50.
June 4, 1912. Iris brown. Head + body, 210; tail
June 4, 1912. Iris brown. Head + body, 240; tail
June 4, 1912. Iris brown. Head and body, 240;
June 4, 1912. Iris brown. Killed by the same
together like "Prairie Dogs." (Skull preserved in later)
June 4, 1912. Iris brown. Trapped near burrow.
" 5, " Skull only. Looked in sun. Color
June 6, 1912. Iris brown. Trapped.
" 8, " Caught in a box of beads.
" 9, " "
" 10, " "
" 11, " "
" 11, " "
" 18, " 6 Run across dry wash together.

7596		Yeba (on maps)		
319	Xerus	♀ ad. Ebo (C.F.) on Gibou (E)	Chief village.	June 20, 1912.
7597	"	♂ ad.	do	do
320	"	♂ ad.	do	do
7598	"	♂ ad.	do	do
321	"	♀ ad.	do	do
7599	"	♀ ad.	do	do
322	"	♀ ad.	do	do
7600	"	♀ ad.	do	do
323	"	♀ ad.	do	do
7601	"	♀ ad. Malata (same		
324	"	♂ ad.		
7602	Yellow & gray Bat	♂ ad.		
325	of Ebo + 1 Hedgehog	7603, 7604, 7605, 7606		
7607	of Ebo	♀ ad. Lake Rudolf, S.E.		
326	of Ebo	♀ ad.		
7608	"	♀ ad.		
327	"	♀ ad.		
7609	"	♀ ad.		
328	"	♀ ad.		
7610	"	♀ ad.		
329	"	♀ ad. 10 mi. S.E. of do		
7611	"	♀ ad.		
330	"	♀ ad.		
7612	"	♀ ad.		
331	"	♀ ad.		
7613	"	♂ ad.		
332	"	♂ ad.		
7614	Bat, long-eared, gray + yellow.	♀ ad. Indumunara		
333	Dassie	♂ ad. Water tanks		
7615	Number of			
334	Dick-Dick from Turtale			
7592	Hedgehog	Dessicated skin & bones except head		
7616	Xerus	♀ ad.		
335	Xerus	♀ ad.		
7617	"	♀ ad.		
336	"	♀ ad.		
7618	Yerboa Mouse	♀ ad.		
337	do	♂ ad.		
7619	do	♂ ad.		
338	Spring Mouse	♀ ad.		
7620	do	♂ ad.		
339	Tree Squirrel, small	♂ ad.		
7621				
340				
7622				
341				

Chief village. June 20, 1912.

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

- 7623
342 *Xerus* ♂ ad July 21, 1912
7624 *Xerus* ♂ ad July 21, 1912
7625 *Small Tree-Squirrel* ♂ ad July 22, 1912
344 *do* ♂ ad *do*
7626 *do* ♂ ad *do*
345 *do* ♂ ad *do*
7627 *do* ♂ ad July 24, 1912
346 *do* ♂ ad July 25, 1912
7628 *Xerus* ♂ ad *do*
347 *Xerus* ♂ ad *do*
7629 *Lepus* ♂ ad *do*
348 *Lepus* ♂ ad *do*
7630 *Lepus* ♂ ad *do*
349 *Lepus* ♂ ad *do*
7631 *Lepus* ♂ ad *do*
350 *Lepus* ♂ ad *do*
7632 *Lepus* ♂ ad *do*
351 *Lepus* ♂ ad *do*
7633 *Rat, long-eared, yellow & gray* ♂ ad Aug. 6, 1912
352 *Rat, long-eared, yellow & gray* ♂ ad Aug. 6, 1912
7635 *Rat, long-eared, yellow & gray* ♂ ad Aug. 6, 1912
353 *Rat, long-eared, yellow & gray* ♂ ad Aug. 6, 1912
7634 *Rat, long-eared, yellow & gray* ♂ ad Aug. 6, 1912
354 *Small tree-squirrel* ♂ ad Aug. 9-12
7636 *Monkey* ♂ (juv.) Aug. 10, 1912
355 *Monkey* ♂ (juv.) Aug. 10, 1912
7637 *Long-eared Bat, gray* - ad. Aug. 16, 1912
356 *Long-eared Bat, gray* - ad. Aug. 16, 1912
7638 *Long-eared Bat, gray* - ad. Aug. 16, 1912
357 *Circopithecus, brown* ♂ ad. Aug. 9, 1912
7639 *Circopithecus, brown* ♂ ad. Aug. 9, 1912
358 *Xerus (white + dark lines on sides)* ♂ ad Aug. 19, 1912
7640 *Xerus (white + dark lines on sides)* ♂ ad Aug. 19, 1912
359 *Long-eared Bat, gray* ♂ ad Aug. 21, 1912
7641 *Long-eared Bat, gray* ♂ ad Aug. 21, 1912
360 *Long-eared Bat, gray* ♂ ad Aug. 21, 1912
7642 *Long-eared Bat, gray* ♂ ad Aug. 21, 1912
361 *Long-eared Bat, gray* ♂ ad Aug. 21, 1912
7643 *Long-eared Bat, gray* ♂ ad Aug. 21, 1912
362 *Lemur* ♂ ad Aug. 25, 1912
7644 *Lemur* ♂ ad Aug. 25, 1912
363 *Lemur* ♂ ad Aug. 25, 1912
7645 *Lemur* ♂ ad Aug. 25, 1912
364 *Bat, long-eared, gray* ♂ ad Aug. 28, 1912
- North side of ... 3 together
South ... Very abundant here
do
do
do
do
Er-rere Villages, B.E.A.
Er-rere Villages, B.E.A.
Guaso Nyero River, 8 m. E. of Marsabit road crossing, B.E.A.
do
Lakimunda River, 8 m. E. of Guaso, B.E.A.
do [Skin here also skin!]
do
Lower edge of Meru Forest, B.E.A.
Meru Forest, Equator, B.E.A. All black.
Tana River, bat, camps 2 & 3. Dissipated; caught on ^{tree} thorn.
Meru Forest, B.E.A.
do *do* No. 127
Tana River, Camp No. 5, B.E.A.
" " 6, " } Hanging close together from
" " 6, " } a tree, to which caught
" " 6, " } others.
" " 6, "
Tana River opposite mouth of Thika River, B.E.A.
do
Boulder Hill, Thika River, B.E.A.

- 7647
365 Bat, long-eared, gray. ♀ ad. Aug. 28, 1912. Thika River at Borelder Hill, Mt. Kenya Hills, BEA
- 7648
366 D. assie ♂ ad. do. Big Band Hill (Camp 3 on Thika), Thika River, BEA
- 7649
367 " ♀ ad. do. do
- 7650
368 Tree Squirrel ♀ ad. Sept. 6, 1912. Escarpment, B.E. Africa. alt. 7390 feet
- 7651
369 do ♀ ad. " 9, " do



Shotgun Enumeration

No. 1 — 150

" 4 — 250

" 8 — 425

" 10 — 1300

Total 2125

OO Buck 150

882 150

Total 300

Chaffa. June 25, 1912. The sun set, on a level plain, at 6:46.

Malala, B.E.A. July 27, 1912 — Two species of Crane (Four-tailed Raven + *C. iditheae*) are very abundant on the river here, perching in great flocks in the branching palms.

Aug. 12, 1912. Shot 23 Pytches. First + bill real.

Division of Birds

e.g. found the "Whit-throated" *Quercus* with the mountain e.g. *Q. Rubra* etc.

1. Crocodile. White Lake Abaya, Abyssinia.
March 22, 1912. One hind foot (left, salted)
preserved; also 2 largest hind claws of R. foot.
Length, 14.67 feet. Greatest diameter, 23.5 in.

Arrived in Djibouti Nov. 22, 1912

No. 666. Yellow & Gray Bat ♀ ad. Gato River near
Gardula, Abyssinia May 4, 1912.

No. 888. Dick-Dick. Same locality, April 5, 1912
Skull, stern & leg-bones.

No. 997. Felis ♂ ad. Gato River, Gardula May 9.
Head & body 24 in. ; ear to ear, 14.
hind foot 6; nose to ear 4.75.
ear crown, 2.8 ; ear notch, 2.6.
Iris yellow. Weight 9 lbs approx.

No. 1010. Yellow & gray bat ♂ do do do } mated
" 1011 do ♀ do

No. 1000. ♂ ad. very large Dick-Dick. Gato River
near Gardula (4000 ft.), Abyssinia Horn 3.4.
May 11, 1912. Skin (salted) skull & leg bone (dry).

The Tana River-mouth crossed at its junction
with the Tana River. Aug. 15, 1912

Sit. Birds' nests and Eggs.

No. Gato River, near Gardula, May 1, 1912:—

- 1 Medium-sized Black-headed Yellow War. 4 eggs + nest
- 2 do do
- 3 do (see above) 3 eggs + nest
- 4 Same locality, April 28, 1912 do
- 5 White eggs. nest & 3 eggs + nest
Same locality. April 28, 1912
- 6 ~~Get odd blue, speckled brown, small. No nest.~~
This was brought in by a boy. I have several sets of this species. Same locality & date, as No. 5.
- 7 Nest of Microcinia? A boy brought me this nest with 7 eggs of 3 species. The two eggs that he said were in the nest when found are still packed in it, in a paper cartridge box. Sets Nos 8 (2 eggs) and 9 (3 eggs) were also in the nest when it was handed to me by the Galla Ogo Gato River, ^{near} Gardula, May 1, 1912. (See nest with 5 eggs in bottom)
- 8 2 odd blue, black & white eggs in above nest
- 9 ~~See all white eggs (2)~~ do
- 10 Same locality, April 29, 1912. 4 larger blue eggs speckled with brown, brought me in Weaver's nest
- 11 Same locality, Apr 29. 3 smaller blue eggs, speckled all over with reddish brown. Brought me in a Weaver's nest. Eggs of medium sized black for a Yellow Warbler.

12. Nest + 3 eggs, plain white, 19×13.5 ; 19×13 ; 19×13.5 . Eggs much incubated, all broken in attempted ^{hatching}.
Small black-faced Yellow Weaver.

Gato River, near Gardula, Abyssinia, May 4, 1912.

13. Nest + 2 eggs of medium sized Black-faced Yellow Weaver. Gato River, May 4, 1912.

I took this nest in half. Identification positive.

14. Nest + 3 eggs, same as No. 12. Plain white, measuring 19×13.5 ; 19.5×14 ; 19×13.4 . Same locality May 4, 1912. Small black-faced Yellow Weaver.

15. Pair of birds, together. ♀ Small black-faced Yellow Weaver shot beside these nests. Same locality near Gardula, May 4, 1912. There were no eggs.

16. 3 Eggs. No nest. Brought me by a Gato boy. Gato River near Gardula, Abyssinia, May 4, 1912. Eggs white, speckled with red shagreen. Species?

17. Red-checked Quercus. Nest + 3 eggs. Gato River near Gardula, Abyssinia, May 4, 1912. Eggs placed in wooden box. Nest in ant edge box.

18. Nest + 3 eggs. Gato River near Gardula, May 4, 1912. Brought by Gato boy, in what appeared to be a nest of dry grass and small pieces of grass stems of grass.

19. Nest + 2 eggs (plain white) of Red-tailed African. One egg smashed. Brought me by Gato boy.

20. Myiophobus ^{collected}, large 1 of the two species here. Nest cavity, 6 inches in diameter, not end of a tunnel 2 1/2 feet in bluff bank, near bottom, contained a tea-saucerful of wings of bees and other insects. An old egg, ^{apparently} originally plain white, evenly rounded at both ends had been punctured & contents removed by insect. Measurements: 24 x 19.5. An old bird flew out when the burner had been set out to within a foot of the nest cavity. Gato River near Gardula, Abyssinia, May 2, 1912

21. Hyphantornis (middle sized species). Female parent (marked "H") was shot beside an unfinished nest. Another nest on the same small tree contained white eggs spotted with reddish brown. This one egg, taken from the oviduct of the parent, has a blue ^{not not taken} ground color. Gato River, near Gardula, May 6, 1912.

22. Hyphantornis. Female parent, (marked "I") was shot inside of nest. Nest contained 2 eggs with blue ground color. One egg was smashed by shot. Nest + 1 egg preserved.

23. Hyphantornis. Nest + 3 eggs, ground color white spotted with reddish brown. In a small tree beside the one in which No. 22 was.

24. Hyphantornis. Nest + 2 eggs, ground color blue, small, spots very distinct in a small tree beside the one in which No. 22 was. All on the Gato River May 6, 1912

25. Nest only. Hyphantornis. Two eggs, white, spotted with rufous-brown, were broken by shot. Female killed inside of nest (see specimen label), May 6, 1912. Gato River, Abyssinia.
26. 1 dark-colored egg, given me by Dr. D. G. Rafferty, who found it in a rather large, hanging nest, near the Gidabo River, same place and date as my Juvana specimens (see labels on them for date).
27. Set of 3 eggs of Long-tailed Glycopterus. Tail of one parent preserved. A male white-tailed bird was seen in the same tree as the nest. Gato River at 4,500 feet, near Gardula, Abyssinia, April 13, 1912. Nest preserved.
28. Nest + 3 young (in alcohol) of Long-tailed Glycopterus. See label attached to nest. Gato River near Gardula, April 13, 1912.
29. Cosyphus? Nest and 2 eggs (fresh) of Orange-breasted Thrush. Taken with parent (see label for date) at 4,000 feet, Gato River near Gardula. Nest in cartridge box, eggs in wooden box.
30. Long-billed Turaco. Broken shells of 2 eggs, embryos in alcohol, + skin of ♀ parent. Gato River near Gardula, Abyssinia, April 18, 1912. Altitude 4,000 feet.

From later 400 ft. - (A) (April 21, 1912)

31. Burrowing Owl, 1 egg taken from the
vicinity of bird shot. Labeled & shipped
with following 2 sets in "Adis" box
32. do Set of 2 eggs ("B") done
33. do 3 ("C") done
Only 2 eggs sent in "Adis" box
34. Telephonus, Brown-winged Bush-Shrike.
Nest and 3 eggs. Parent seen sitting on nest
and ♀ parent shot as she flew from it. See
data label for date. Gato River near Gardula.
Dissection showed that the last egg had
been laid
35. Shrike, long-billed, chestnut flanked on side of ♀.
Nest a loose affair of sticks ^{containing 2 eggs}. One egg, piped,
with young ready to hatch, preserved without
frowning. Embryo of other egg-shell preserved.
♂ Parent sat very closely. Both parents shot
(See of this for date) Gato River near Gardula.
Eggs of dark brown on one end and mostly forming a circle, marked with
egg measured 25x18.5. Ground olive-buff, with rounded spots and
36. Passer Nest + 6 eggs. Parent preserved (April - see
exam of parent for data) Gato River, near Gardula.
37. Passer. Nest + 4 eggs. Same data as above, ^{parents} not seen
38. Hypotaenidia? Smallest species of Black-faced
Vachellia Weaver. Nest, 2 eggs, and both parents
Gato River near Gardula, Abyssinia.
May 9, 1912. A larger Hypotaenidia had started
a nest on the same twig, near with this nest.

39. Ureguithus lunata, Red-checked C. do. do. do. 7.
Nest and 6 eggs. Gato River, etc. April 19, 1912
40. " 4 " Set of 4 eggs do April 19, 1912
41. " 3 " " 3 " do " 21, 1912
- 42 Nest and 2 eggs. do do C-6 do " 29, 1912
- 43 " 3 " do do " 29, 1912
- 44 Set of 2 " do do " 24, 1912
- 45 " 5 " do do " 23, 1912
- 46 " 5 " do do May 4, 1912
- 47 Old egg 7 " do do April 19-30, 1912
48. Hyphantornis, medium. Gato River, etc. April 22, 1912
Ground color white, spots very dark, 4 eggs.
49. do ground blue " 3 "
50. do " white, spotted green & black 3 "
- 51 do " blue, do 4 "
- 52 do " " , egg large thick, spotted. 1 egg
53. Nedonema. Nest, one egg, white-tiled, at bottom,
Compare this egg with Sets 7 and 8. The common
species (see many skins). here. Nest taken May 7,
1912. Gato River near Gardula, Abyssinia, 4000 ft.
54. Turdus pelios? Set of 3 plain blue eggs.
Gato River near Gardula, April 23, 1912
55. 2 Eggs, plain white, somewhat soiled, measuring
29 x 24.5 and .30 x 25. Gato River near Gardula,
Abyssinia, May 1, 1912.

56. Three (3) eggs, supposed to be those of the Abyssinian form of *Francolinus grayii*. Gato River near Gardula, Abyssinia, May 3, 1912. Eggs smooth white, unspotted, measuring 40×27 ; 40×30 ; 40×29.5 . Shells enormously thick and hard.

May 11, 1912. Gato River near Gardula, Abyssinia. —

The following sets of nest & eggs were taken:
57. Set of 5 eggs of Spur-Howl.

58. *Neolaima* Nest, 2 eggs + ♀ parent.
One egg fresh, the other cracked and dissipated. Nest attached to the extremity of lowest branch of a tree, growing in an open place near a forest, with a fine specimen of the giant euphorbia beside it. Female parent came to nest, male not seen.

59. Red-colored Bush-Shrike. Nest, 2 eggs + both parents taken. Nest found May 8, contained 1 egg, on May 11, 2 eggs, fresh. Nest placed on horizontal lower limb of large tree growing in the middle of a thicket of bushes and vines. The nest was partly supported by twigs, but there were no coarse sticks forming a base to the nest, it being complete as preserved. Both parents came to nest and uttered cat-like cries & hissing sounds.

(black-chinned)
Sets (field numbers) of greater bishop-bird were
as follows: No. 1, 3 eggs; 4, 2 eggs; 5, 2 eggs;
6, 3 eggs; 7, 2 eggs. All were more or less incubated.
All complete sets. Sets 1 and 4 were blown.

Sets (field numbers) of lesser (red-chinned) Bishop-
bird were as follows: No. 2, 2 eggs; 3,
4 eggs; 8, 3 eggs; 9, 3 eggs. All were
complete sets, and all more or less incubated.
Sets 2 + 3 (field numbers) were blown & preserved.

- Five nests of the Greater (black-chinned) Red
Bishop-bird and four nests of the Lesser
(red-chinned) Bishop-bird were found in
a sparse growth of small trees, at the border
of a forest, in heavy grass. All of the nests
were in the tallest grass, near the tops. I
gave each nest, + eggs, + parents field numbers
(1-9). These numbers are with the nests and
on back of labels of parents, so I give them
in parenthesis here, following the regular ^{numbers.}
All of these eggs were more or less incubated
and I only succeeded in blowing two sets
of each species, the others containing large embryos.
60 (field No. 1). Nest, 3 eggs, and ♀ parent. Greater
Bishop-bird. Eggs considerably incubated. Blown.
61. (No. 4). Greater Red Bishop-Bird. Nest, 2 eggs and
both parents (killed same shot) preserved. Eggs
62. (No. 5). ^{do} Nest, 2 eggs. Eggs
^{plain blue, without black dots.} contained large embryos Put to macerate. 18.5 x 13; 18 x 13.
63 (No. 6) ^{do} Nest, 3 eggs.
Eggs contained large embryos. Put to macerate. Blue
dotted all over but more at great extremity with black. Meas.:
18 x 15, 17.5 x 14.8; 17.7 x 14.8.
64. (No. 7) ^{do} Nest + 2 eggs
Eggs contained large embryos. Put to macerate.
^{Light greenish blue, very sparsely dotted with black.}
18.5 x 14; 18 x 14.2.

65 (field no., 2). Lesser (red-chinned) Bishop-Bird.
Nest and 2 eggs, with both parents, preserved.
Eggs slightly incubated, but blown.

66. (no. 3). do

Nest, 4 eggs, and female parent preserved.
Eggs slightly incubated, but blown.

67 (no. 8). (Large embryos.) do (eggs put to macerate)

Nest, 3 eggs, plain deep blue (no black dots).

17.5 x 13; 16.7 x 13.2; 16.5 x 13.

68 (no. 9). (Contained embryos) do (put to macerate)

Nest, 3 eggs, plain deep blue (no black dots),
rather elongate 17 x 13; 16.5 x 13.2; 16.6 x 13.2.

69. *Leinognathus bengala*. Red-checked Parson-flower.
Goto River near Giridih (4000 feet), Chyasinia.
May 12, 1912. Set of 5 immaculate white eggs,
containing large embryos - 3 broken in blowing.

70. *Numida*. Set of 14 eggs,
measuring; 53 x 41; 52.5 x 40; 54.5 x 42;
53 x 42; 52 x 43; 54 x 41; 54 x 42; 53 x 42;
51 x 41.5; 52.5 x 41.5; 53 x 41; 53.5 x 42.5; 51 x 40;
52.5 x 40. This is the largest clutch I have
seen. The eggs are large, rather pale and
not much pigmented; contained large
embryos. I drilled them all, in two
places each, and placed them at the foot
of a tree hoping that ants would clean them.

71. Numida

Set of 9 eggs,

measuring: 54×38.2 ; 51×38 ;
 52×39 ; 52.5×40 ; 52×39 ; 53×38 ;
 52×40 ; 53×39 ; 53×37.5 . Medium
 sized egg, rather pointed at lesser
 extremity, uniformly covered with small,
 faint pigment blotches, something like
 Quaker eggs. Contained large embryos.
 Put out on the ground for ants to work on.

72. Numida

Set of 13 eggs,

measuring: 51×40 ; 52×38 ; 51.5×39 ;
 49×40 ; 50×40 ; 52×38 ; 54×39 ;
 49.5×39 ; 53×39.5 ; 49×39 ; 50×40 ;
 52×40 ; 51×40 . These eggs have a
 rather deep brown color, are thickly covered
 with small pigment spots, and are deeply
 indented. Contain large embryos; put out
 on the ground for ants to clean

73. Neotoma

^{Salto River near Gardula (4000 ft), May 14, 1912.}

Nest, 2 eggs, and

♀ parent. Beautiful eggs, hard incubated (dilled but
 not snuffed). Very elongate + pointed at smaller
 extremity. Ground color bluish blue, both ex-
 =trinsides are unmarked, the yolk is brown, the
 most are aggregated and coalesced around the
 great extremity. These markings vary in shade and tend to
 form longitudinal sursae, + markings on the sides. 7×11.5 ; 16.5×11 .


Isato River (4000 ft.) May 13, 1912

74. Red-checked Cordon-blue Nest and 4 fresh
^(eggs large, rounded)
egg. I watched the birds building the nest
in a dense, thorny bush, in a grassy opening.
The nest was 4 feet above the ground. The
parents were often seen entering it or leaving it.
This is a typical nest + nesting site. [On May
13 I found 1 egg in a new, but unused nest
of the medium Hyphantornis. The parent flew
out. On May 13, I also found another set of 5
incubated ^{eggs of Cordon-blue} in a Hyphantornis nest. On
May 14, I took 6 incubated eggs of the Cordon-blue
in a nest of the Least Hyphantornis + shot the
Cordon-blue beside the nest. This was, in three
cases, in 2 days' collecting, of the Cordon-blue
occupying weaver birds' nests. In each case
some of the fine grass used by the Cordon-blue in
building its own nest had been added as a
lining to the weaver bird's nest.]

75. Least Hyphantornis

1 broken, decorated

egg, measuring 18X13 mm. Nothing preserved.

Nest 3 meters above the ground at end of lower
branch of a Thorn-tree. Usual style . Gato

River, May 13 [On May 14 Dr. G. V. Rappert, took me
to see a nest of this species. It was just finished,
no eggs, both birds present.]

Note, - The long, white-tailed Flycatcher is one of the shyest birds; but, when the old male appears himself alone & secure, he boasts in loud cries of Pee-wee-wee often repeated. Its alarm note is a chirp; and it also ^{whistles} a soft, round, single note, probably a call to the female.

76. Nectarinia _____ Nest and 1 egg. The nest contained but 1 egg, considerably incubated by the female, and generally marked (see above) the nest at 73. Nest at end of a ^{6 feet above ground} Thymus vine, in a small thicket at edge of an opening, near the side of a ravine. Date found May 13.

[Note. - These eggs ready to hatch were found in a nest of the medium-sized Hypotaenidia brownish-white above, marked with reddish.]

77. Leptocoma _____ Nest, 2 eggs + ♂ parent. Nest found May 11, with 2 eggs. Taken May 13, still 2 eggs. ^{slightly incubated} Date R near Gardula. Nest in a leafy bush near a small thicket in open grassy country, 2 feet above ground. [I saw another nest, May 7, with 2 fresh eggs, in thorny Solanum shrub, 3 feet above the ground. Next time seen the nest had been torn from the bush & eggs disappeared.]

78. Red-checked Cordon-bleu. Nest + 1 egg. The nest is a new but abandoned middle-sized species of Hypotaenidia, lined, by the Cordon-bleu, with fine grass. Parent Cordon-bleu flew out. 1 fresh egg. Date found near Gardula, 4000 ft. Abyssinia May 13, 1912.

79. Hypotaenidia, middle-sized. Nest only. Date River near Gardula 4000 ft. Abyssinia May 13, 1912.

80 to 83. Hyphantornis, middle sized species.
Four well-constructed nests, Taken May 1,
1912, Gato River, 4000 feet, near
Gardula, Abyssinia.

84. Numida _____ Set of 10 eggs
✓ Gato R., etc. May 1, 1912. Slightly
incubated. Complete set.

85. Francolinus grantii. 3 eggs (set).
✓ Gato R., etc. April 29, 1912.

86. Numida _____ Set of 7 fresh
✓ eggs. Bird probably not through laying
Gato R., etc. April 25, 1912.

87. Passer? Nest (probably of a
different bird) - 4 eggs, brought
me by a Galla. Eggs considerably in-
cubated. I have seen several of these
sooty-brown nests, but do not know
what species they belonged to. Gato
River, etc. May 15, 1912.

88. Passer? Three eggs, fresh, same
species as above (No. 87), also brought
in by a Galla native, without nest.
Gato River, 4000 feet May 15, 1912.

89 Two rounded, plain white eggs brought
me by a Galla, at Gato R., etc. April 22, 1912.

90. Nomada Set of 2 eggs
Gate River near Gardula, 4000 feet, Abyssinia
✓ May 1, 1912. Eggs darkly colored

91. Nomada Nine eggs
brought me by a Galla, May 6, 1912.
✓ Same locality. Probably not collected by them.

92. Nomada Set of 8 eggs
✓ Same locality. May 3, 1912

93. Nomada Set of 6 eggs
✓ Same locality. April 21, 1912

94. Sparrow Set of 7 eggs
✓ Same locality. April 24, 1912

95. Sparrow Set of 4 eggs
✓ Same locality. May 7, 1912

96. Sparrow Set of 4 eggs
✓ Same locality. May 11, 1912

97. Francolinus ground Set of 3 eggs
✓ same locality. May 12, 1912

98. Telephonus, small May 26, 1912

On May 18th the nest contained 1 egg; on
" " 21 " " 3 eggs. Nest

visited on May 22, 23, 24, 25, & 26. It was
not until the last date (May 26) that I was
able to shoot the parents, but, on going to the
nest, only a single egg was in it, the other
2 being smashed under the bush. Nest
3 feet above ground in a bush in heavy

78. ^{small species} Egg differs from the larger species (set 100) in being less reddish brown, more greenish or less purplish, and in having many purplish or lilac brown. Egg cracked & broken in blowing, fragments preserved. Distribution of spots similar to set No. 100, being scattered over the entire egg, most sparse at the little end and most ^{close} mostly aggregated in a circle next to the great end. In both species the ground color is buffy white, pinkish before blown.

(98) grass. Parents exceedingly shy. They nest on land 3 eggs on May 21, 22, 23, 24, & 25. The nest, as preserved, is entire, there being no coarse outer structure. I was set down between 4, rather stout branches, from which it was firmly attached by spider webs. Both parents preserved. Eggs: 23.8 x 18.1.

99. ^{Species uncertain} Small nest, like Vireo's, ^{2 meters} ~~2~~ ^{the} above ground, in a deep narrow canyon. Bodessa. June 1, 1912. Eggs measure 23.5 x 18; 23.6 x 18.1.

100. Telephonus (large species). Nest and 2 eggs. Male parent seen to fly from nest, and shot in a tree without losing sight of it for an instant. Identification possible (alc skin). In a small, spreading tree, 2 meters above the ground. Bodessa, Abyssinia, May 31, 1912.

101. Black-faced red Weaver. Nest, fragments of eggs, and ♂ parent. This nest was found & ♀ parent seen to enter it on May 20(?), when the ♂ parent was collected. I visited the nest several times before May 26, when the eggs, plain blue, were found smashed beneath it. The ♀ was seen each time but the last. I think 2 sets of plain blue eggs brought me at Sado were this species, as I saw

(Red Weaver - Concluded)
 the same kind of nests beside the Lato R.
 + in a canyon near it, where I shot a
 male specimen of this bird. I
 thought these 2 sets of eggs brought me
 by Gullas were possibly *Turdus*
 but now I think they were this species.
 It is not certain that the red weavers
 built this nest, as weavers sometimes
 occupy nests built by other species.
 These nests are quite numerous
 at Boddessa. On May 26, I saw
 one nest beside a stream. Beneath
 were the abundant droppings of the
 young, which had left the nest. I
 saw young red weavers arriving there.
 The present nest was attached to
 a sapling 25 feet above ground in
 a deep canyon beside a ^{small} running
 stream; but I have seen many
 similar nests attached to the tips of
 the lowest branches of thorn trees
 growing on high ridges.

Red Weavers are rather common
 at Boddessa. I have seen them
 on high grassy ridges, but
 usually in valleys where there was water

102. *Francolinus grantii*. 2 Dried eggs.
 found under the tree where I pitched my
 tent on the Sagon River, Abyssinia,
 June 3, 1912.

103 *Pterocles* 2-banded. Set of 3 eggs. ♀
 flushed from nest, a slight cavity, in loose
 soil in scant vinery weed growth on a
 low ridge of plain bordering the Ballal
 River at upper Bhaffa village, June 25, 1912.
 No nesting materials whatever. Eggs
 contained large chicks. ^{Eggs equally round at the}
^{two ends, and color pale}
^{olive, thickly & quite evenly spotted or marked with olive-}
^{brown (superficial) and purplish gray underlying markings.}

104 *Pterocles* 4-banded. Set of 2 eggs, nearly
 fresh, one egg badly cracked.
 18 m. SW of Hor, B.E.A. (R. R. Gregory) July 2, 1912. Ground
 color clay color, quite evenly spotted all over
 with reddish brown (superficial) and purplish
 gray (underlying). Largest spots 2 mm, smallest
 mere dots.